

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3933	375/219	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:58
L2	8183	((amplitude or gain) with phase) with (imbalance or distortion or impairment))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L3	0	"10652674"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L4	1	"10/652674"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L5	9	((amplitude or gain) with phase) with (imbalance or distortion or impairment or remove)) with transceiver and (power adj up)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L6	3933	375/219	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L7	80	((amplitude or gain) with phase) with (imbalance or distortion or impairment or remove)) with transceiver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:59
L8	11	L7 and L6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:58

EAST Search History

L9	207	((amplitude or gain) with phase) with (imbalance or distortion or impairment)) same transceiver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L10	24	L9 and L6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L11	98	rofougaran.in. and transceiver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L12	0	"WO01028310"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L13	0	wo01028310	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L14	60	QAM with ((amplitude or gain) near2 (imbalance or distortion))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L15	71	((amplitude or gain) with phase) with (imbalance or distortion or impairment)) with transceiver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L16	178	QAM with ((amplitude or gain) with (imbalance or distortion))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53

EAST Search History

L17	1	"10/396118"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L18	0	"WO/01028310"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L19	13	mohindra.in. and calibration	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L20	43	QAM with ((amplitude or gain) near (imbalance or distortion))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L21	15	"1028310"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L22	46	((((amplitude or gain) with phase) with (imbalance or distortion or impairment)) same transceiver and (power adj up)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L23	172	rofougaran.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L24	1638	QAM and ((amplitude or gain) with (imbalance or distortion))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53

EAST Search History

L25	0	mohindra.in. and calibration]	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L26	76	QAM with (((amplitude or gain) with phase) with (imbalance or distortion))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L27	237	mohindra.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L28	1	(((amplitude or gain) with phase) with (imbalance or distortion or impairment)) same transceiver and (power adj up) and digital\$2).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L29	991	(((amplitude or gain) with phase) with (imbalance or distortion or impairment)) and transceiver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L30	2	"6151312".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L31	88	QAM with ((amplitude or gain) near5 (imbalance or distortion))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L32	4	"01028310"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53

EAST Search History

L33	29	((amplitude or gain) with phase) with (imbalance or distortion or impairment)) and transceiver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L34	2	"7233638".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L36	2448	375/259	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:58
L37	8	L7 and L36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 17:10
L38	0	((amplitude or gain) with phase) with (imbalance or distortion or impairment or remove)) with transceiver and blind).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 17:02
L39	17	((amplitude or gain) with phase) with (imbalance or distortion or impairment or remove)) with transceiver).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 17:02
L40	0	((amplitude or gain) with phase) and (imbalance or distortion or impairment or remove)) and transceiver and blind).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 17:02
L41	2	"7173988".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 17:10

EAST Search History

L42	2	"20020097812".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 17:11
L43	2	"6792054".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 17:16
L44	2	"20020097812".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 17:16

Web Images Video News Maps Gmail more ▾

drjatorres@gmail.com | My Notebooks | Web History | My Account | Sign out

Google

"phase and gain imbalance" blind

Search

Advanced Search
Preferences

Web

Results 1 - 10 of about 36 for "**phase and gain imbalance**" blind. (0.39 seconds)

In-phase and quadrature-phase rebalancer - Patent 20020097812

... filtering to cancel the **phase and gain imbalance** in the receiver. This invention is **blind** in the sense that no carrier phase recovery is required. ...

www.freepatentsonline.com/20020097812.html - 42k - [Cached](#) - [Similar pages](#) - [Note this](#)

Method of fixing frequency complex up-conversion phase and gain ...

<1 and B.apprxeq.1 are the **phase and gain imbalance** (ratio of the q and the i The signal-processing algorithm, for example, is basically **blind** meaning ...

www.freepatentsonline.com/20050047494.html - 38k - [Cached](#) - [Similar pages](#) - [Note this](#)
[[More results from www.freepatentsonline.com](#)]

Method for reducing complex frequency down-conversion impairments ...

... the **phase and gain imbalance** and provide a way to correct the impairments. ... The signal processing is basically **blind**; meaning that it does not ...

www.patentstorm.us/patents/6792054-description.html - 22k - [Cached](#) - [Similar pages](#) - [Note this](#)

[PDF] A Single Antenna Interference Cancellation Algorithm for Increased ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

important to note that the algorithm performs **blind** adaptation with respect to the (I/Q) **phase and gain imbalance** of 3. π and -0.5 dB, respectively, ...

www.Int.de/lmk/publikationen/saic_trwcom.pdf - [Similar pages](#) - [Note this](#)

[PDF] A Single Antenna Interference Cancellation Algorithm for Increased ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

Only **blind** approaches are applicable which are usually. complex and not robust. **phase and gain imbalance** of 3. π and -0.5 dB, respectively, and ...

www.Int.de/LIT/papers/tr_wireless_huber_06.pdf - [Similar pages](#) - [Note this](#)
[[More results from www.Int.de](#)]

[PDF] A Single Antenna Interference Cancellation Algorithm for GSM

note that the algorithm performs **blind** adaptation with respect ... The inphase/quadrature (I/Q) **phase and gain imbalance** are 3 ...

ieeexplore.ieee.org/iel5/10360/32959/01543419.pdf?arnumber=1543419 - [Similar pages](#) - [Note this](#)

Phase/gain imbalance estimation or compensation invention

2000-IEEE, "**Blind** Source Separation Based I/Q imbalance compensation", Valkama,

This scheme will compensate both **phase and gain imbalance** in a ...

www.freshpatents.com/Phase-gain-imbalance-estimation-or-compensation-dt20060223ptan20060039506.php?type=d... - 61k - [Cached](#) - [Similar pages](#) - [Note this](#)

[PDF] NON-CONTACT MEASUREMENT OF HEART AND RESPIRATION RATES WITH A ...

File Format: PDF/Adobe Acrobat

Continuous-wave (CW) radar systems are **blind** to stationary or slow-moving clutter,

phase and gain imbalance for the whole receiver is assessed. ...

transducers.stanford.edu/Publications/PDF-files/Droitcour_Thesis.pdf - [Similar pages](#) - [Note this](#)

[PDF] [Foreword Full-time Faculty Members of CS Department](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

Q phase and gain imbalance, filter bandwidth. mismatch, uncertainty in the automatic gain control **Blind** review of all submitted papers by national ...
[cs.lums.edu.pk/annual_report.pdf](#) - [Similar pages](#) - [Note this](#)

[Equalizers > Automatic > Adaptive > Quadrature channels > Patents ...](#)

7173988, Adaptive **phase and gain imbalance** cancellation, Feb. 6, 2007 ... 6952444, **Blind** DFE and phase correction, Oct. 4, 2005 ...

[www.patentgenius.com/class/375/235.html](#) - 33k - [Cached](#) - [Similar pages](#) - [Note this](#)

[1](#) [2](#) [Next](#)

Try [Google Desktop](#): search your computer as easily as you search the web.

"phase and gain imbalance" blind

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

©2007 Google - [Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [Gmail](#) [more ▾](#)

[drjatorres@gmail.com](#) | [My Notebooks](#) | [Web History](#) | [My Account](#) | [Sign out](#)

Google

"phase and gain imbalance" blind power-up

Search

[Advanced Search](#)
[Preferences](#)

Web

Results 1 - 2 of 2 for "[phase and gain imbalance](#)" [blind power-up](#). (0.36 seconds)

Tip: Try removing quotes from your search to get more results.

Method of fixing frequency complex up-conversion phase and gain ...

<1 and B.apprxeq.1 are the **phase and gain imbalance** (ratio of the q and the ... can start operating in **power up** independent of the transmitter corrections. ...

www.freepatentsonline.com/20050047494.html - 38k - [Cached](#) - [Similar pages](#) - [Note this](#)

Method for reducing complex frequency down-conversion impairments ...

The signal processing is basically **blind**; meaning that it does not require ... The result is that the process can be started at **power up** of the receiver, ...

www.patentstorm.us/patents/6792054-description.html - 22k -

[Cached](#) - [Similar pages](#) - [Note this](#)

In order to show you the most relevant results, we have omitted some entries very similar to the 2 already displayed.

If you like, you can repeat the search with the omitted results included.

Download [Google Pack](#): free essential software for your PC

"phase and gain imbalance" blind pc

Search

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied?](#) [Help us improve](#)

©2007 Google - [Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

[About Us](#)

[Newsroom](#)

[Advisory Board](#)

[Submit Web Site](#)

[Help](#)

[Contact Us](#)

Basic Search

[Advanced Search](#) [Search Preferences](#)

"phase and gain imbalance" AND blind AND power-up

☒ Journal sources ☒ Preferred Web sources ☒ Other Web sources ☐ Exact phrase

Searched for:: :All of the words:"**phase and gain imbalance**" AND **blind** AND **power-up** AND **quadrature**

Found:: :**1 total** | **0 journal results** | **1 preferred web results** | **0 other web results**

Sort by:: :**relevance** | [date](#)

☐ **1. In-phase and quadrature-phase rebalancer**

Wiss, John, UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION, Jul 2002

patno:US20020097812

...filtering to cancel the **phase and gain imbalance** in the receiver. This invention is **blind** in the sense that no carrier...the I and Q (in-phase and **quadrature**-phase, respectively) components...of signals using a novel **blind** approach, i.e., without...the I and Q (in-phase and **quadrature**-phase, respectively) components...of signals using a novel **blind** approach, i.e.

Full text available at patent office. For more in-depth searching go to  LexisNexis[®] [similar results](#)

Dis
"ph
bli

Or
Al

F

fast

"phase and gain imbalance" AND blind AND power-up

☒ Journal sources ☒ Preferred Web sources ☒ Other Web sources ☐ Exact phrase

[Downloads](#) | [Library Partners](#) | [Subscribe to News Updates](#) | [User Feedback](#)
[Advertising](#) | [Tell A Friend](#) | [Terms Of Service](#) | [Privacy Policy](#) | [Legal](#)

Powered by **FAST** © Elsevier 2007

SCIRUS	<input type="text"/>	<input type="button" value="Search"/>	<input type="checkbox"/> Pop-up Blocker OFF	<input type="button" value="Highlight"/>
<input type="text"/>				

About Us	Newsroom	Advisory Board	Submit Web Site	Help	Contact Us
----------	----------	----------------	-----------------	------	------------

Basic Search

[Advanced Search](#) [Search Preferences](#)

"phase and gain imbalance" AND blind AND power-up ,

☒ Journal sources ☒ Preferred Web sources ☒ Other Web sources ☐ Exact phrase

Sorry, your query - "phase and gain imbalance" AND blind AND power-up AND quadrature AND transceiver has not produced any result

Did you mean: "phase gain imbalance" blind powerup quadrature transceiver

Before searching again, using the same or similar keywords, you may helpful to:

- check the selected sources, information types and subject areas, the selection may not contain results matching your query
- check the spelling of all words
- spell words in a different way, for example using American spelling
- write abbreviations and acronyms in full
- use alternative words that have the same meaning
- search using fewer or more general words

[Downloads](#) | [Library Partners](#) | [Subscribe to News Updates](#) | [User Feedback](#)
[Advertising](#) | [Tell A Friend](#) | [Terms Of Service](#) | [Privacy Policy](#) | [Legal](#)

Powered by FAST © Elsevier 2007



About Us

Newsroom

Advisory Board

Submit Web Site

Help

Contact Us

Basic Search

[Advanced Search](#) [Search Preferences](#)

"phase and gain imbalance" AND blind AND "power-up"

Search

☒ Journal sources ☒ Preferred Web sources ☒ Other Web sources ☐ Exact phrase

Searched for:: :All of the words:"**phase and gain imbalance**" AND **blind** AND "**power-up**" AND **quadrature**

Found:: :**2 total** | **0 journal results** | **1 preferred web results** | **1 other web results**

Sort by:: :**relevance** | **date**

Save checked results

Email checked results

Export checked results

☐ **1. Thesis book 1.book** [228K]

Oct 2006

...BiCMOS, and two different 2.4-GHz **quadrature** direct-conversion continuous-wave radar **transceivers** with 1-mW transmit **power** have been fabricated in 0.25- μ m...140
4.5.2 CMOS **Quadrature** 2.4 GHz **Transceiver** with LNAs141 4.5.3
CMOS **Quadrature** 2.4 GHz **Transceiver** without LNAs...146 4.6.1 **Power**
Consumption...

[<http://transducers.stanford.edu/Publications/PDF-files...>]

[similar results](#)

Dis
"pt
blu
qu

Or
Al

F

☐ **2. Method of fixing frequency complex up-conversion phase and gain impairments**

Sasson, Nir / Garbi, Uri / Elhanati, Alon, UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION, Mar 2005

patno:US20050047494

...a general **up/down** conversion **transceiver** 10 for wireless...1 are the **phase and gain imbalance** (ratio of...with the **phase and gain imbalance** as described...1. During **power up**, the receiver...estimation of the **phase and gain imbalance** is done once...

Full text available at patent office. For more in-depth searching go to LexisNexis
[similar results](#)

fast

"phase and gain imbalance" AND blind AND "power-up"

Search

☒ Journal sources ☒ Preferred Web sources ☒ Other Web sources ☐ Exact phrase

[Downloads](#) | [Library Partners](#) | [Subscribe to News Updates](#) | [User Feedback](#)
[Advertising](#) | [Tell A Friend](#) | [Terms Of Service](#) | [Privacy Policy](#) | [Legal](#)

Powered by **FAST** © Elsevier 2007

[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) | [Purchase History](#) | [Cart](#)

Welcome United States Patent and Trademark Office

Search Results[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)

Results for "((phase and gain imbalance and blind and power-up and quadrature and transceiver)
<in>metadata)"

e-mail

Your search matched **0** documents.

A maximum of **100** results are displayed, **25** to a page, sorted by **Relevance** in **Descending** order.

» **Search Options**[View Session History](#)[New Search](#)**Modify Search****Search**☐ Check to search only within this results setDisplay Format: ☒ Citation ☐ Citation & Abstract» **Key****IEEE JNL** IEEE Journal or Magazine**IET JNL** IET Journal or Magazine**IEEE CNF** IEEE Conference Proceeding**IET CNF** IET Conference Proceeding**IEEE STD** IEEE Standard**No results were found.**

Please edit your search criteria and try again. Refer to the Help pages if you need assistance search.

Indexed by
 Inspec®

[Help](#) [Contact Us](#) [Privacy & Policy](#)

© Copyright 2006 IEEE - All Rights Reserved

[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) | [Purchase History](#) | [Cart](#)

Welcome United States Patent and Trademark Office

Search Results[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)

Results for "((phase and gain imbalance and blind and quadrature and transceiver)<in>metadata)"

e-mail

Your search matched 0 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by **Relevance** in **Descending** order.

» Search Options

[View Session History](#)[New Search](#)

Modify Search

☐ Check to search only within this results setDisplay Format: ☒ Citation ☐ Citation & Abstract

» Key

IEEE JNL IEEE Journal or Magazine

IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

No results were found.

Please edit your search criteria and try again. Refer to the Help pages if you need assistance with your search.

Indexed by
[Help](#) [Contact Us](#) [Privacy & Policy](#)

© Copyright 2006 IEEE - All rights reserved.

[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) | [Purchase History](#) | [Cart](#)

Welcome United States Patent and Trademark Office

[Search Results](#)[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)

Results for "((phase and gain imbalance and blind and quadrature)<in>metadata)"

☒ e-mail

Your search matched 1 of 1643271 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

» Search Options

[View Session History](#)[New Search](#)

Modify Search

☐ Check to search only within this results setDisplay Format: ☒ Citation ☐ Citation & Abstract

» Key

IEEE JNL IEEE Journal or Magazine

IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

[Select All](#) [Deselect All](#)

- ☐ 1. Correction of transmitter gain and phase errors at the receiver
Cetin, E.; Kale, I.; Morling, R.C.S.;
[Circuits and Systems, 2002. ISCAS 2002. IEEE International Symposium on](#)
[Volume 4, 26-29 May 2002 Page\(s\):IV-109 - IV-112 vol.4](#)
[Digital Object Identifier 10.1109/ISCAS.2002.1010401](#)
[AbstractPlus](#) | Full Text: [PDF\(332 KB\)](#) IEEE CNF
[Rights and Permissions](#)

Indexed by
 Inspec®[Help](#) [Contact Us](#) [Privacy &](#)

© Copyright 2006 IEEE -


[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) | [Purchase History](#) | [Cart](#)

Welcome United States Patent and Trademark Office

Search Results

[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)

Results for "((phase and gain imbalance and quadrature)<in>metadata)"

☒ e-mail

Your search matched 32 of 1643271 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by **Relevance** in **Descending** order.

» Search Options

[View Session History](#)[New Search](#)

Modify Search

☐ Check to search only within this results setDisplay Format: ☒ Citation ☐ Citation & Abstract

» Key

IEEE JNL IEEE Journal or Magazine

IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

 [Select All](#) [Deselect All](#)

- ☐ 1. **Gain, phase imbalance, and phase noise effects on error vector magnitud**
Georgiadis, A.;
[Vehicular Technology, IEEE Transactions on](#)
Volume 53, Issue 2, March 2004 Page(s):443 - 449
Digital Object Identifier 10.1109/TVT.2004.823477
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(320 KB\)](#) IEEE JNL
[Rights and Permissions](#)
- ☐ 2. **Considerations in the autocalibration of quadrature receivers**
Pierre, J.W.; Fuhrmann, D.R.;
[Acoustics, Speech, and Signal Processing, 1995. ICASSP-95., 1995 Internatio](#)
[on](#)
Volume 3, 9-12 May 1995 Page(s):1900 - 1903 vol.3
Digital Object Identifier 10.1109/ICASSP.1995.480583
[AbstractPlus](#) | Full Text: [PDF\(276 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- ☐ 3. **Implementation of the corrector of I&Q errors in coherent processor with**
Xinggan Zhang; Zhaoda Zhu;
[Information, Communications and Signal Processing, 1997. ICICS., Proceedin](#)
[International Conference on](#)
Volume 1, 9-12 Sept. 1997 Page(s):130 - 132 vol.1
Digital Object Identifier 10.1109/ICICS.1997.647072
[AbstractPlus](#) | Full Text: [PDF\(176 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- ☐ 4. **An adaptive digital technique for compensating for analog quadrature**
modulator/demodulator impairments
Lohtia, A.; Goud, P.; Englefield, C.;
[Communications, Computers and Signal Processing, 1993., IEEE Pacific Rim](#)
Volume 2, 19-21 May 1993 Page(s):447 - 450 vol.2
Digital Object Identifier 10.1109/PACRIM.1993.407325
[AbstractPlus](#) | Full Text: [PDF\(316 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- ☐ 5. **Adaptive compensation for imbalance and offset losses in direct convers**
Cavers, J.K.; Liao, M.W.;
[Vehicular Technology, IEEE Transactions on](#)

Volume 42, Issue 4, Nov. 1993 Page(s):581 - 588

Digital Object Identifier 10.1109/25.260752

[AbstractPlus](#) | Full Text: [PDF\(608 KB\)](#) IEEE JNL

[Rights and Permissions](#)

- ☐ **6. On transmitter gain/phase imbalance compensation at receiver**
Xinping Huang;
[Communications Letters, IEEE](#)
Volume 4, Issue 11, Nov. 2000 Page(s):363 - 365
Digital Object Identifier 10.1109/4234.892203
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(52 KB\)](#) IEEE JNL
[Rights and Permissions](#)

- ☐ **7. Maximum likelihood detection of I/Q imbalance signal with self-organized assistance**
Lerkvaranyu, S.; Miyanaga, Y.;
[Intelligent Signal Processing and Communication Systems, 2004. ISPACS 2004 International Symposium on](#)
18-19 Nov. 2004 Page(s):660 - 664
Digital Object Identifier 10.1109/ISPACS.2004.1439141
[AbstractPlus](#) | Full Text: [PDF\(318 KB\)](#) IEEE CNF
[Rights and Permissions](#)

- ☐ **8. Gain/phase imbalance and DC offset compensation in quadrature modulators**
Xinping Huang; Caron, M.;
[Circuits and Systems, 2002. ISCAS 2002. IEEE International Symposium on](#)
Volume 4, 26-29 May 2002 Page(s):IV-811 - IV-814 vol.4
Digital Object Identifier 10.1109/ISCAS.2002.1010581
[AbstractPlus](#) | Full Text: [PDF\(280 KB\)](#) IEEE CNF
[Rights and Permissions](#)

- ☐ **9. Two calibration methods of wideband quadrature receiver mismatch errors**
Luo Yongjian; Yu Genmiao; Zhang Shouliang;
[Radar, 2001 CIE International Conference on, Proceedings](#)
15-18 Oct. 2001 Page(s):410 - 414
Digital Object Identifier 10.1109/ICR.2001.984719
[AbstractPlus](#) | Full Text: [PDF\(235 KB\)](#) IEEE CNF
[Rights and Permissions](#)

- ☐ **10. Performance of a direct conversion receiver with $\pi/4$ -DQPSK modulated signals**
Anvari, K.; Kaube, M.; Hriskevich, B.;
[Vehicular Technology Conference, 1991. 'Gateway to the Future Technology in the 1990s'](#)
19-22 May 1991 Page(s):822 - 827
Digital Object Identifier 10.1109/VETEC.1991.140610
[AbstractPlus](#) | Full Text: [PDF\(304 KB\)](#) IEEE CNF
[Rights and Permissions](#)

- ☐ **11. An adaptive direct conversion transmitter**
Hilborn, D.S.; Stapleton, S.P.; Cavers, J.K.;
[Vehicular Technology, IEEE Transactions on](#)
Volume 43, Issue 2, May 1994 Page(s):223 - 233
Digital Object Identifier 10.1109/25.293640
[AbstractPlus](#) | Full Text: [PDF\(852 KB\)](#) IEEE JNL
[Rights and Permissions](#)

- ☐ **12. The effect of quadrature modulator and demodulator errors on adaptive cancellation of nonlinearities in predistorters for amplifier linearization**
Cavers, J.K.;

[Vehicular Technology](#), [IEEE Transactions on](#)
Volume 46, [Issue 2](#), May 1997 Page(s):456 - 466
Digital Object Identifier 10.1109/25.580784

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(340 KB\)](#) IEEE JNL
[Rights and Permissions](#)

- ☐ **13. Correction of transmitter gain and phase errors at the receiver**
Cetin, E.; Kale, I.; Morling, R.C.S.;
[Circuits and Systems](#), 2002. [ISCAS 2002. IEEE International Symposium on](#)
Volume 4, 26-29 May 2002 Page(s):IV-109 - IV-112 vol.4
Digital Object Identifier 10.1109/ISCAS.2002.1010401
[AbstractPlus](#) | Full Text: [PDF\(332 KB\)](#) IEEE CNF
[Rights and Permissions](#)

- ☐ **14. Wideband quadrature error correction (using SVD) for stepped-frequency**
Noon, D.A.; Longstaff, I.D.; Stickley, G.F.;
[Aerospace and Electronic Systems](#), [IEEE Transactions on](#)
Volume 35, [Issue 4](#), Oct. 1999 Page(s):1444 - 1449
Digital Object Identifier 10.1109/7.805461
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(348 KB\)](#) IEEE JNL
[Rights and Permissions](#)

- ☐ **15. BER of differentially detected $\pi/4$ DQPSK in the presence of quadrature**
Scarpa, M.; Vogel, J.; Stonick, J.; Kiaei, S.;
[Wireless Communications and Networking Conference](#), 1999. [WCNC. 1999 IE](#)
21-24 Sept. 1999 Page(s):201 - 205 vol.1
Digital Object Identifier 10.1109/WCNC.1999.797815
[AbstractPlus](#) | Full Text: [PDF\(364 KB\)](#) IEEE CNF
[Rights and Permissions](#)

- ☐ **16. Compensation technique for impairments of wideband quadrature demodulation in direct conversion receivers**
Matsui, M.; Nakagawa, T.; Kobayashi, K.; Araki, K.;
[Personal, Indoor and Mobile Radio Communications](#), 2004. [PIMRC 2004. 15th](#)
[International Symposium on](#)
Volume 3, 5-8 Sept. 2004 Page(s):1677 - 1681 Vol.3
[AbstractPlus](#) | Full Text: [PDF\(653 KB\)](#) IEEE CNF
[Rights and Permissions](#)

- ☐ **17. Analysis of impairments in direct conversion receivers and their effects in digital signaling**
Tzimas, A.; Kalivas, G.;
[Vehicular Technology Conference](#), 2001. [VTC 2001 Spring. IEEE VTS 53rd](#)
Volume 3, 6-9 May 2001 Page(s):1992 - 1995 vol.3
Digital Object Identifier 10.1109/VETECS.2001.945045
[AbstractPlus](#) | Full Text: [PDF\(280 KB\)](#) IEEE CNF
[Rights and Permissions](#)

- ☐ **18. Gain/phase imbalance compensation for multi-band quadrature receivers**
Nakagawa, T.; Matsui, M.; Araki, K.;
[Vehicular Technology Conference](#), 2004. [VTC2004-Fall. 2004 IEEE 60th](#)
Volume 3, 26-29 Sept. 2004 Page(s):2034 - 2037 Vol. 3
Digital Object Identifier 10.1109/VETECF.2004.1400396
[AbstractPlus](#) | Full Text: [PDF\(595 KB\)](#) IEEE CNF
[Rights and Permissions](#)

- ☐ **19. Adaptive compensation for imbalance and offset losses in direct conversion receivers**
Cavers, J.K.; Liao, M.;
[Vehicular Technology Conference](#), 1991. ['Gateway to the Future Technology in](#)

[IEEE](#)

19-22 May 1991 Page(s):578 - 583

Digital Object Identifier 10.1109/VETEC.1991.140557

[AbstractPlus](#) | Full Text: [PDF](#)(376 KB) [IEEE CNF](#)[Rights and Permissions](#)☐ **20. New methods for adaptation of quadrature modulators and demodulators linearization circuits**

Cavers, J.K.;

[Vehicular Technology, IEEE Transactions on](#)

Volume 46, Issue 3, Aug. 1997 Page(s):707 - 716

Digital Object Identifier 10.1109/25.618196

[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(332 KB) [IEEE JNL](#)[Rights and Permissions](#)☐ **21. A new technique for estimation and compensation of IQ imbalance in OF**

Fouladifard, S.; Shafiee, H.;

[Communication Systems, 2002. ICCS 2002. The 8th International Conference](#)

Volume 1, 25-28 Nov. 2002 Page(s):224 - 228 vol.1

[AbstractPlus](#) | Full Text: [PDF](#)(330 KB) [IEEE CNF](#)[Rights and Permissions](#)☐ **22. An MMSE based calibration of LINC transmitter**

Nagareda, R.; Fukawa, K.; Suzuki, H.;

[Vehicular Technology Conference, 2002. VTC Spring 2002. IEEE 55th](#)

Volume 2, 6-9 May 2002 Page(s):625 - 629 vol.2

Digital Object Identifier 10.1109/VTC.2002.1002560

[AbstractPlus](#) | Full Text: [PDF](#)(366 KB) [IEEE CNF](#)[Rights and Permissions](#)☐ **23. Gain/phase imbalance-minimization techniques for LINC transmitters**

Zhang, X.; Larson, L.E.; Asbeck, P.M.; Nanawa, P.;

[Microwave Theory and Techniques, IEEE Transactions on](#)

Volume 49, Issue 12, Dec. 2001 Page(s):2507 - 2516

Digital Object Identifier 10.1109/22.971643

[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(216 KB) [IEEE JNL](#)[Rights and Permissions](#)☐ **24. I/Q modulator image rejection through modulation pre-distortion**

Yang, G.; Vos, G.; Cho, H.;

[Vehicular Technology Conference, 1996. 'Mobile Technology for the Human R](#)

Volume 2, 28 April-1 May 1996 Page(s):1317 - 1320 vol.2

Digital Object Identifier 10.1109/VETEC.1996.501526

[AbstractPlus](#) | Full Text: [PDF](#)(344 KB) [IEEE CNF](#)[Rights and Permissions](#)☐ **25. Efficient compensation for frequency-dependent errors in analog recons used in IQ modulators**

Tuthill, J.; Cantoni, A.;

[Communications, IEEE Transactions on](#)

Volume 53, Issue 3, March 2005 Page(s):489 - 496

Digital Object Identifier 10.1109/TCOMM.2005.843455

[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(384 KB) [IEEE JNL](#)[Rights and Permissions](#)



[Help](#) [Contact Us](#) [Privacy &](#)

© Copyright 2006 IEEE –

 PALM IntranetApplication
Number

IDS Flag Clearance for Application 10652674

**IDS
Information**

Content	Mailroom Date	Entry Number	IDS Review	Last Modified	Reviewer
<input type="button" value="Update"/>					

Day : Wednesday

Date: 9/19/2007

Time: 12:35:50

 PALM INTRANET

Continuity Information for 10/652674

Parent Data

No Parent Data

Child Data

No Child Data

[Appln Info](#)[Contents](#)[Petition Info](#)[Atty/Agent Info](#)[Continuity/Reexam](#)[Foreign Data](#)Search Another: Application # or Patent# PCT / or PG PUBS # Attorney Docket # Bar Code #

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

Day : Wednesday

Date: 9/19/2007

Time: 12:35:55

**PALM INTRANET**

Foreign Information for 10/652674

No Foreign Data

[Appln Info](#)[Contents](#)[Petition Info](#)[Atty/Agent Info](#)[Continuity/Reexam](#)**Foreign
Data** ☐**Search Another: Application #** **or Patent#** **PCT /** **or PG PUBS #** **Attorney Docket #** **Bar Code #**

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

Day : Wednesday

Date: 9/19/2007

Time: 12:36:00

 **PALM INTRANET**

Inventor Information for 10/652674

Inventor Name	City	State/Country
SASSON, NIR	EIN-SARID	ISRAEL
GARBI, URI	ROSH HAAIN	ISRAEL
ELHANATI, ALON	TEL AVIV	ISRAEL

[Appln Info](#)[Contents](#)[Petition Info](#)[Atty/Agent Info](#)[Continuity/Reexam](#)[Foreign L](#)

Search Another: Application #

or Patent#

PCT /

or PG PUBS #

Attorney Docket #

Bar Code #

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

Day : Wednesday

Date: 9/19/2007

Time: 12:36:07

PALM INTRANET

Inventor Name Search Result

Your Search was:

Last Name = SASSON

First Name = NIR

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>09539995</u>	<u>6792054</u>	150	03/30/2000	METHOD FOR REDUCING COMPLEX FREQUENCY DOWN-CONVERSION IMPAIRMENTS	SASSON, NIR
<u>09539996</u>	<u>6708027</u>	150	03/30/2000	METHOD AND APPARATUS FOR HARMONIC FREE GENERATION IN MULTIPLE MIXING FREQUENCY CONVERSION	SASSON, NIR
<u>09711831</u>	Not Issued	161	11/13/2000	Single chip integrated CATV tuner for figital and analog applications	SASSON, NIR
<u>09711832</u>	Not Issued	163	11/13/2000	Analog processor for CATV tuner analog processor for CATV tuner	SASSON, NIR
<u>10105533</u>	<u>7263144</u>	150	03/20/2002	METHOD AND SYSTEM FOR DIGITAL EQUALIZATION OF NON-LINEAR DISTORTION	SASSON, NIR
<u>10447781</u>	<u>7197524</u>	150	05/29/2003	DIRECT RF SAMPLING FOR CABLE APPLICATIONS AND OTHER BROADBAND SIGNALS	SASSON, NIR
<u>10652674</u>	Not Issued	71	08/29/2003	Method of fixing frequency complex up-conversion phase and gain impairments	SASSON, NIR
<u>10930459</u>	Not Issued	30	08/31/2004	System and method of removing discrete spurious signals in cable broadband and other RF environments	SASSON, NIR
<u>11012796</u>	Not Issued	161	12/15/2004	Method of enhancing power amplifier linearity	SASSON, NIR
<u>11191261</u>	Not Issued	30	07/27/2005	Versatile low power driver for gigabit ethernet systems	SASSON, NIR
<u>60126804</u>	Not Issued	159	03/30/1999	METHOD FOR FREE HARMONIC RANGE	SASSON, NIR

				GENERATION IN MULTIPLE MIXING CONVERSION SCHEMES	
<u>60126832</u>	Not Issued	159	03/30/1999	METHOD FOR FIXING FREQUENCY COMPLEX DOWN-CONVERSION IMPAIRMENTS	SASSON, NIR
<u>60128810</u>	Not Issued	159	04/12/1999	SYSTEM AND METHOD FOR COMMUNICATION OVER TV CABLES	SASSON, NIR
<u>60165129</u>	Not Issued	159	11/12/1999	SINGLE CHIP INTEGRATED CATV TUNER FOR DIGITAL AND ANALOG APPLICATIONS	SASSON, NIR
<u>60165363</u>	Not Issued	159	11/12/1999	ANALOG PROCESSOR FOR A CATV TUNER	SASSON, NIR
<u>60277177</u>	Not Issued	159	03/20/2001	Method for digital equalization of non-linear harmonic distortion in RFreceivers and transmitters	SASSON, NIR
<u>60592304</u>	Not Issued	159	07/28/2004	GE low power line driver	SASSON, NIR
<u>60744820</u>	Not Issued	159	04/13/2006	Method and System for copyright protected multimedia content and advertising distribution	SASSON, NIR
<u>60746297</u>	Not Issued	159	05/03/2006	Method and System for copyright protected multimedia content sponsoring by targeted advertising	SASSON, NIR
<u>60893812</u>	Not Issued	20	03/08/2007	Method and system for low cost collaborative clustered p2p bandwidth network	SASSON, NIR

Inventor Search Completed: No Records to Display.

Search Another: Inventor
Last Name
First Name

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

Day : Wednesday

Date: 9/19/2007

Time: 12:36:15


PALM INTRANET
Inventor Name Search Result

Your Search was:

Last Name = GARBI

First Name = URI

Application#	Patent#	Status	Date Filed	Title	Inventor Name
09711831	Not Issued	161	11/13/2000	Single chip integrated CATV tuner for figital and analog applications	GARBI, URI
09711832	Not Issued	163	11/13/2000	Analog processor for CATV tuner analog processor for CATV tuner	GARBI, URI
10421184	7120546	150	04/23/2003	INTEGRATED SPECTRUM ANALYZER FOR TUNERS	GARBI, URI
10427541	Not Issued	161	05/01/2003	Method of loop bandwidth control in mixed signal applications	GARBI, URI
10447781	7197524	150	05/29/2003	DIRECT RF SAMPLING FOR CABLE APPLICATIONS AND OTHER BROADBAND SIGNALS	GARBI, URI
10652674	Not Issued	71	08/29/2003	Method of fixing frequency complex up-conversion phase and gain impairments	GARBI, URI
10930459	Not Issued	30	08/31/2004	System and method of removing discrete spurious signals in cable broadband and other RF environments	GARBI, URI
11012796	Not Issued	161	12/15/2004	Method of enhancing power amplifier linearity	GARBI, URI
60165129	Not Issued	159	11/12/1999	SINGLE CHIP INTEGRATED CATV TUNER FOR DIGITAL AND ANALOG APPLICATIONS	GARBI, URI
60165363	Not Issued	159	11/12/1999	ANALOG PROCESSOR FOR A CATV TUNER	GARBI, URI

Inventor Search Completed: No Records to Display.
Search Another: Inventor

Last Name

First Name

GARBI

URI

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

Day : Wednesday

Date: 9/19/2007

Time: 12:36:33

 **PALM INTRANET****Inventor Name Search Result**

Your Search was:

Last Name = ELHANATI

First Name = ALON

Application#	Patent#	Status	Date Filed	Title	Inventor Name
10105533	7263144	150	03/20/2002	METHOD AND SYSTEM FOR DIGITAL EQUALIZATION OF NON-LINEAR DISTORTION	ELHANATI, ALON
10421184	7120546	150	04/23/2003	INTEGRATED SPECTRUM ANALYZER FOR TUNERS	ELHANATI, ALON
10652674	Not Issued	71	08/29/2003	Method of fixing frequency complex up-conversion phase and gain impairments	ELHANATI, ALON
10930459	Not Issued	30	08/31/2004	System and method of removing discrete spurious signals in cable broadband and other RF environments	ELHANATI, ALON
11772461	Not Issued	17	07/02/2007	Automatic Gain Control for a Wideband Signal	ELHANATI, ALON
60862388	Not Issued	20	10/20/2006	Coarse Automatic Gain Control Algorithm for DOCSIS3.0 Downstream Wide Band Signal	ELHANATI, ALON

Inventor Search Completed: No Records to Display.

Search Another: Inventor **Last Name** **First Name**
ELHANATI ALON

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

Day : Wednesday

Date: 9/19/2007

Time: 12:37:01

 **PALM INTRANET**

Correspondence Address for 10/652674

Customer Number	Contact Information	Address
23494 Delivery Mode: Electronic	Telephone: (972)917-4371 Fax: No Fax # E-Mail: uspto@dlemail.itg.ti.com	TEXAS INSTRUMENTS INCORPORATED P O BOX 655474, M/S 3999 DALLAS TX 75265

Search Another: Application #

or Patent#

PCT / /

or PG PUBS #

Attorney Docket #

Bar Code #

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)